

Oregon Coast

Hydro. 5563 to 5611

May 8 to May 29, 1914

507

170
Oregon Coast

5

May 8 -

Hydro. 5563 - 5611

Hydr 5563 to 5611

May 8 to May 29, 1914

22
Dredge } No. 5563 Date, May 8, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot/Lead 25 lbs.
Turns 164 Cor'n Depth 89 fms.
Sdg. Cup Arming Amt. Bot'm Sample
Character of Bottom mud with broken shells

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 5.34 } Air { 54°
Time

Density: Surf. fms.

Wind: Direction SE Force 3-4

Baromet. 29.92 Amt. of Clouds 10 State of Sea C

Weather op

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears 86° E (true) distant 28.8 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder A. W. H. -

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	P. M.		M. DOWN.	UP.	M.
5 34 50	5 44		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
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			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
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			4700			
			4800			
			4900			

23.

Dredge } No. 5564 Date, May 8, 1914
 Hydrog. }
 Sdg. Mch. 7N Reel 7N Shot } 25 lbs.
 Lead }
 Turns 177 Cor'n Depth 95 fms.
 Sdg. Cup Arming Amt. Bot'm Sample
 Character of Bottom S.S.

Thermom. { Make Cor'n { Instr.
 No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 5:54 } Air { 54°
 Time

Density: Surf. fms.

Wind: Direction SE Force 3-4

Baromet. 29.12 Amt. of Clouds 10 State of Sea C

Weather 0

Direction and Force of Current { Surface
 Bottom

Tide

General Locality Off Oregon Coast

Position Tillamook Light bears 864° E (true) distant 29.3 miles

Chart used: No. 6100 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Time	Net haul	Dry haul
6:00 P.M.	53.0	54.0
8:30 A.M. (May 9)	53.0	53.8

Deck Officer Mr. Glick Recorder J. A. H. -

SOUNDING WIRE.				FMS.	DREDGING CABLE.					
M. Down.		Up.	M.		M. Down.		Up.	M.		
5	57	5	58	0						
				100						
				200						
				300						
				400						
				500						
				600						
				700						
				800						
				900						
				1000						
				1100						
				1200						
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				1600						
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				3900						
				4000						
				4100						
				4200						
				4300						
				4400						
				4500						
				4600						
				4700						
				4800						
				4900						

1
Dredge } No. 5565 Date, May 27, 1914
Hydrog. }
Sdg. Mch. T.M. Reel T.M. Shot Lead 25 lbs.
Turns 53 Cor'n Depth 24 fms.
Sdg. Cup Armigou lead Amt. Bot'm Sample
Character of Bottom wh S.

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 3:10 P } Air { 67°
Time

Density: Surf. fms.

Wind: Direction NXL Force 2

Baromet. 30.05 Amt. of Clouds 6 State of Sea L

Weather bc

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Oregon coast

Position Yaquina Light bears N 23 1/2° E (true) distant 7.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Ch. Ben Mahoney Recorder C. E. Long

SOUNDING WIRE.					FMS.	DREDGING CABLE.				
∞	M. Down.		Up.	∞		M. Down.		Up.	M.	
3	06	20	3	07	50	0				
					100					
					200					
					300					
					400					
					500					
					600					
					700					
					800					
					900					
					1000					
					1100					
					1200					
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					1600					
					1700					
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					2700					
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					4000					
					4100					
					4200					
					4300					
					4400					
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					4700					
					4800					
					4900					

2
No. 5566 Date, May 27, 1914
Sdg. Mch. T. M. Reel Shot Lead 25 lbs.
Turns 15 Cor'n Depth 27 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make Cor'n { Instr. No. Stem.
Bottom Reading Cor'd Temp.
Temp. Surf. { 54 Time 3:15 } Air { 66.5 Time

Density: Surf. fms.
Wind: Direction NE x S Force 2
Baromet. 30.05 Amt. of Clouds 5 State of Sea
Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position Yaquina Light bears N 25 1/2 E (true) distant 8.9 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<i>P</i> M. Down.	Up.	<i>P</i> M.		M. Down.	Up.	M.
3	16	30	3	18	50	
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
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			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

3
~~Tide~~ } No. 5547 Date, May 27, 1914
 Hydrog. }
 Sdg. Mch. 121 Reel ~~Shot~~ Lead 25 lbs.
 Turns 56 Cor'n Depth 30 fms.
 Sdg. Cup Amt. Bot'm Sample
 Character of Bottom
 Thermom. { Make Cor'n { Instr.
 { No. { Stem.
 Bottom Reading Cor'd Temp.
 Temp. Surf. { 54° Time 2:30 P } Air { 56°
 { Time }
 Density: Surf. fms.
 Wind: Direction 2VxS Force
 Baromet. 30.05 Amt. of Clouds 5- State of Sea
 Weather bc

Direction and Force { Surface
 of Current. { Bottom

Tide

General Locality Bay of Saginaw

Position Yaquina Light bears N 25 1/2° E (true) distant 9.9 miles
 Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer (C. L. Jones) Recorder (H. H. Jones)

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
Ⓐ	M. Down.	Up. Ⓐ M.		--- M. Down.	Up. ---	M.
3	26	4	3	28	00	
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

4

Dredge } No. 5568 Date, Aug 27, 1914
Hydrog. }

Sdg. Mch. TM Reel Shot Lead 25 lbs.

Turns 58 Cor'n Depth 31 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom gy. s.

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 3:40 P } Air { 56° Time

Density: Surf. fms.

Wind: Direction E x S Force 2

Baromet. 30.55 Amt. of Clouds 5 State of Sea 1

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality off Cape Cod

Position Zaguina Light bears N 26° E (true) distant 10.8 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Towed fish trap with two fish
hauled at 3:40
Towed away at 5:27

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
3 30 40	3 37 20		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
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			1700			
			1800			
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			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

SOUNDING WIRE.

M. DOWN. UP. P. M.

3 4 10 3 4 10

FMS.

DREDGING CABLE.

M. DOWN. UP. M.

0	Echinus	
100	Siphon	
200	27 fath	
300	3 51 00	10 10
400	3 51 30	5 50
500		
600		
700		
800	4 04 20	
900	Bottom	
1000	4 04	4 05 20
1100	4 04 20	4 04 30
1200		
1300	No sample	
1400		
1500	3 1/2 fms	
1600		
1700		
1800		
1900		
2000		
2100		
2200		
2300		
2400		
2500		
2600		
2700		
2800		
2900		
3000		
3100		
3200		
3300		
3400		
3500		
3600		
3700		
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3900		
4000		
4100		
4200		
4300		
4400		
4500		
4600		
4700		
4800		
4900		

6

Hydrog. No. 570 Date, May 27, 1914
Sdg. Mch. TH Reel TH Shot Lead 25 lbs.
Turns 60 Cor'n Depth 34 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom gy S
Thermom. { Make Cor'n { Instr.
 { No. { Stem.
Bottom Reading Cor'd Temp.
Temp. Surf. { Time 5:37 PM } Air { 56
 { Time { {
Density: Surf. fms.
Wind: Direction 71-25 Force 3
Baromet. 30.35 Amt. of Clouds 5 State of Sea 1
Weather LC

Direction and Force of Current { Surface
 { Bottom
Tide

General Locality Of Oregon Coast

Position Yaquina Light bears N 27° E (true) distant 13.2 miles
Chart used: No. 6000 Ed'n
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder CV Co. / S

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

538 30 540 00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. 5571 Date, , 1911
Hydrog. }
Sdg. Mch. 11 Reel 11 Shot 25 lbs.
Leads }
Turns 71 Cor'n Depth 38 fms.
Sdg. Cup Wm. Amt. Bot'm Sample
Character of Bottom Green S.

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 53 Time 6:06 P } Air { 56
Time

Density: Surf. fms.

Wind: Direction N.W. Force 3

Baromet. 30.75 Amt. of Clouds State of Sea

Weather bc

Direction and Force { Surface
of Current. Bottom

Tide

General Locality Off Oregon Coast

Position Yaquina Light bears N 28 1/2 E (true) distant 16.1 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<i>P</i> M. Down.	Up.	M.		M. Down.	Up.	M.
606	6	07 30	0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5512 Date, May 27, 1911
 Hydrog. }
 Sdg. Mch. T 11 Reel T 11 Shot Lead 2 1/2 lbs.
 Turns 71 Cor'n Depth 39 fms.

Sdg. Cup Arming Amt. Bot'm Sample
 Character of Bottom grey mud

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time 10:31 P.M. } Air { _____
 { _____ Time _____ { _____

Density: Surf. _____ fms. _____

Wind: Direction N.E. Force 3

Baromet. 30.35 Amt. of Clouds 2 State of Sea L

Weather B.C.

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Oregon Coast

Position Yaquina Light bears N 31° E (true) distant 19.2 miles

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer W. S. Lick Recorder C. C. Clark

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
P.	M. Down.	Up.	P. M.		M. Down.	Up.	M.
6	31	—	6 33	—			
				0			
				100			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
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				1500			
				1600			
				1700			
				1800			
				1900			
				2000			
				2100			
				2200			
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				2400			
				2500			
				2600			
				2700			
				2800			
				2900			
				3000			
				3100			
				3200			
				3300			
				3400			
				3500			
				3600			
				3700			
				3800			
				3900			
				4000			
				4100			
				4200			
				4300			
				4400			
				4500			
				4600			
				4700			
				4800			
				4900			

9

Med. & Hydrog. No. 5572 Date, 7/11/1927

Sdg. Mch. T. V. Reel T. V. Shot Lead 25 lbs.

Turns 74 Cor'n Depth 40 fms.

Sdg. Cup Arming - Amt. Bot'm Sample

Character of Bottom Gray sand

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading 54 Cor'd Temp.

Temp. Surf. { Time 6:55 } Air { 55 }
Time

Density: Surf. fms.

Wind: Direction 20 Force 3

Baromet. 30.35 Amt. of Clouds 2 State of Sea 4

Weather b c

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Cape Cod

Position Yaguma Light bears N 30° E (true) distant 22.4 miles

Chart used: No. 6000 Ed'n.

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer W. H. L. Recorder B. H. L.

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
P	M. Down.	Up.	P M.		M. Down.	Up.	M.	
6	53	6	55 10	0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
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				1300				
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				2700				
				2800				
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				3000				
				3100				
				3200				
				3300				
				3400				
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				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

Dredge } No. 3000 Date, July 22, 1912
Hydrog. }
Sdg. Mch. 11 Reel TN Shot Lead 73 lbs.
Turns 81 Cor'n Depth 44 fms.
Sdg. Cup 11 Amt. Bot'm Sample
Character of Bottom gy. sand

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 7:17 P } Air { 55
Time

Density: Surf. fms.

Wind: Direction W Force 3

Baromet. 30.35 Amt. of Clouds 2 State of Sea 1

Weather 6 C

Direction and Force of Current { Surface
Bottom

Tide

General Locality 4, Oregon Coast

Position Heceta Light bears S45°E (true) distant 14.9 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Gluck Recorder (J. L. Cook)

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
7	17	7	0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
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			1600			
			1700			
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			1900			
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			2200			
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			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

11-1022

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
7 40	7 42		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
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			1700			
			1800			
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			2700			
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			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

11-1023

SOUNDING WIRE.

P M. Down. Up. P M.

8 03 30 8 06

FMS.

DREDGING CABLE.

M. Down. Up. M.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
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3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

1.
Dredge } No. 577 Date, Aug 28, 1914
Hydrog. }
Sdg. Mch. TN Reel 74 Shot 35 lbs.
Lead }
Turns Cor'n Depth 52 fms.
Sdg. Cup Arming Amt. Bot'm Sample
Character of Bottom gy S

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 57 Time 7:40 a } Air { 57
Time

Density: Surf. fms.

Wind: Direction NW Force 3

Baromet. 30.4/2 Amt. of Clouds 1 State of Sea L

Weather bc

Direction and Force of Current { Surface
Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears S 79 1/2° E (true) distant 15.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. J. J. J. Recorder 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
7 40	7 42		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
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			1900			
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			2700			
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			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

2
Tideg. } No. 5578 Date, May 28, 1914
Hydrog. }
Sdg. Mch. TN Reel TN Shot Lead 25 lbs.
Turns 112 Cor'n Depth 61 fms.
Sdg. Cup Arming Amt. Bot'm Sample
Character of Bottom gy M
Thermom. { Make Cor'n { Instr.
 { No. { Stem.
Bottom Reading Cor'd Temp.
Temp. Surf. { 51 Time 8:07 } Air { 57
 { { {
Density: Surf. fms.
Wind: Direction NW Force 3
Baromet. 30.42 Amt. of Clouds 1 State of Sea 2
Weather bc

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears S88°E (true) distant 17.1 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Dr. Maroney Recorder J. Smith

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
8 07	2 07		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
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			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Bridge } No. 5523 Date, Jan 28, 1914
Hydrog. }

Sdg. Mch. T.V. Reel T.V. Shot/Lead 25 lbs.

Turns 121 Cor'n Depth 66 fms.

Sdg. Cup (Fanning) Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No. Cor'n { Instr. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 51 Time 8:32 Air { 58
Time

Density: Surf. fms.

Wind: Direction N.W. Force 3

Baromet. 30.42 Amt. of Clouds 1 State of Sea 1

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears N 84 1/2° E (true) distant 19.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer W. J. Manning Recorder (J. H. H. H.)

SOUNDING WIRE.

A M. Down. | Up. *A* M.
8 38' 00 8 55' 00

FMS.

DREDGING CABLE.

___ M. Down. | Up. ___ M.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

4.
Dredge } No. 5380 Date, Aug 28, 1914
Hydrog. }
Sdg. Mch. 77 Reel 77 Shot } 25 lbs.
Lead }
Turns 111 Cor'n Depth 60 fms.
Sdg. Cup Arming Amt. Bot'm Sample
Character of Bottom fine sand

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.
Temp. Surf. { 57 Time 8.57 am } Air { 58
Time

Density: Surf. fms.
Wind: Direction NW Force 3
Baromet. 30.44 Amt. of Clouds 1 State of Sea
Weather B

Direction and Force of Current { Surface
Bottom

Tide ..

General Locality Chesapeake Bay

Position Heceta Light bears N 78° E (true) distant 21.0 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance.

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Wm. H. H. Recorder A. H. H.
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
8 57	9 00		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
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			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

5.
 Dredge } No. 5551 Date, May 28, 1914.
 Hydrog. }
 Sdg. Mch. TN Reel TN Shot 25 lbs.
 Lead }
 Turns 119 Cor'n Depth 65 fms.
 Sdg. Cup Tm Amt. Bot'm Sample
 Character of Bottom TP
 Thermom. { Make Cor'n { Instr.
 { No. { Stem.
 Bottom Reading Cor'd Temp.
 Temp. Surf. { 51 Time 9:10 a } Air { 58
 { Time }
 Density: Surf. fms.
 Wind: Direction NWN Force 2
 Baromet. 30.44 Amt. of Clouds 1 State of Sea 2
 Weather bc

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears N 76° E (true) distant 21.8 miles

Chart used: No. 6000 Ed'n.

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. McKinney

Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
9	10	00	9	12		
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
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			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Trawl Hydrog. No. 5382 Date, May 28, 1914
 Sdg. Mch. TN Reel TN Shot Lead 25 lbs.
 Turns 112 Cor'n _____ Depth 61 fms.
 Sdg. Cup drum Amt. Bot'm Sample _____
 Character of Bottom TK
 Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____
 Bottom Reading _____ Cor'd Temp. _____
 Temp. Surf. { 57 Time 9:20 Air { 58
 { _____ Time _____ { _____
 Density: Surf. _____ fms. _____
 Wind: Direction NW Force 3
 Baromet. 30.40 Amt. of Clouds 1 State of Sea 2
 Weather bc
 Direction and Force of Current { Surface _____
 { Bottom _____
 Tide _____

General Locality

Oregon CoastPosition Heceta Light bears N. 74 1/2° E (true) distant
22.3 milesChart used: No. 6000 Ed'n _____

Drift: Direction _____

Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer

Recorder

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

9 20 00 9 22 30

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

7
Trawl Hydrog. No. 5522 Date, May 28, 1914
Sdg. Mch. TN Reel TN Shot Lead 25 lbs.
Turns 117 Cor'n Depth 64 fms.
Sdg. Cup Arming Amt. Bot'm Sample
Character of Bottom R

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 51 Time 7:27 Air { 58
Time

Density: Surf. fms.

Wind: Direction NW Force 3

Baromet. 30.00 Amt. of Clouds 1 State of Sea 2

Weather bc

Direction and Force of Current { Surface
Bottom

Tide

General Locality Ocean Coast

Position Heceta Light bears N 73° E (true) distant 23.1 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Manning Recorder 7-1023

SOUNDING WIRE.

M. Down.	Up.	M.
9 27	9	29

FMS.

DREDGING CABLE.

M. Down.	Up.	M.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
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2700
2800
2900
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3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

9
Hydrog. No. 5584 Date, May 28, 1914
Sdg. Mch. Tm Reel. 7N Shot Leads lbs.
Turns 102 Cor'n Depth 137 fms.
Sdg. Cup. Amt. Bot'm Sample
Character of Bottom 618 S

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 51 Time 9:37 Air { 57
Time

Density: Surf. fms.

Wind: Direction NW Force 3

Baromet. 30.00 Amt. of Clouds 1 State of Sea 2

Weather 3

Direction and Force of Current { Surface
Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears N 71 1/2° E (true) distant 24.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer W. M. M. Recorder A. M. L.
11-1023

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. Down.	Up.		M.	Up.	M.
9 30	9 39	0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
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		2700			
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		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

11-1023

SOUNDING WIRE.

2.9.03
 M. Down. Up. *2.9.03* M.

FMS.

DREDGING CABLE.

M. Down. Up. M.

0
 100
 200
 300
 400
 500
 600
 700
 800
 900
 1000
 1100
 1200
 1300
 1400
 1500
 1600
 1700
 1800
 1900
 2000
 2100
 2200
 2300
 2400
 2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000
 4100
 4200
 4300
 4400
 4500
 4600
 4700
 4800
 4900

10

Dredge } No. 1526 Date, May 28, 1914
 Hydrog. }
 Sdg. Mch. 71 Reel 711 Shot Lead 2 lbs.

Turns 102 Cor'n Depth 56 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom J & Ky

Thermom. { Make Cor'n { Instr.
 No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 57 Time 10:02 Air { 56
 Time

Density: Surf. fms.

Wind: Direction N 2 W Force 2

Baromet. 30.4 Amt. of Clouds 1 State of Sea

Weather bc

Direction and Force of Current { Surface
 Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears N 69° E (true) distant 25.5 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Madray Recorder

Amick

SOUNDING WIRE.

10 02 M. Down. Up. 10 04 M.

FMS.

DREDGING CABLE.

M. Down. Up. M.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
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2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

Deck Officer Mr. Murray Recorder Andie 11-1023

SOUNDING WIRE.

vi M. Down. | Up. | *vi* M.

10 17 30 10 20 03

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
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2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

12
Dredge } No. 1228 Date, Dec 21, 1911
Hydrog. }
Sdg. Mch. TK Reel, T/S Shot/Lead 25 lbs.
Turns 113 Cor'n Depth 61 fms.
Sdg. Cup Alving Amt. Bot'm Sample
Character of Bottom clean sand

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 57 Time 10.29 a } Air { 56
Time

Density: Surf. fms.

Wind: Direction N by W Force 2

Baromet. 30.45 Amt. of Clouds 1 State of Sea 2

Weather bc

Direction and Force of Current { Surface
Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears N 67° E (true) distant 27.0 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Mahony Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
10	29	00	10	51	00	
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
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			2000			
			2100			
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			2300			
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			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
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			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

23

Trawl } No. *5280* Date, *Mar 28*, 19 *10*
 Hydrog. }
 Sdg. Mch. *775* Reel *775* Shot } *25* lbs.
 Lead }
 Turns *122* Cor'n _____ Depth *66* fms.
 Sdg. Cup *Arming* Amt. Bot'm Sample _____
 Character of Bottom *hd gn M G*

Thermom. { Make _____ Cor'n { Instr. _____
 No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *53.9°* Time *11:35* } Air { *55.5°*
 Time _____

Density: Surf. _____ fms. _____

Wind: Direction *W. by S.* Force *2*

Baromet. *30.45* Amt. of Clouds *8* State of Sea _____

Weather *bc*

Direction and Force of Current { Surface _____
 Bottom _____

Tide _____

General Locality *Oregon Coast*

Position *Heceta Light bears N 65 1/2° E (true) distant*
27.8 miles

Chart used: No. *6000* Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: *At 11:05 hauled after drag*
Returned at 1:00 PM.

Deck Officer *W. H. Halsey* Recorder *W. H. Halsey*

SOUNDING WIRE.

A M. Down. | Up. A M.

30 50 00 10 12 20

FMS.

DREDGING CABLE.

A M. Down. | Up. A M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

~~Reckoning~~~~Time~~~~at 1:40~~~~Time~~~~at 1:40~~~~Time~~~~at 1:40~~~~Time~~~~at 1:40~~~~Time~~~~at 1:40~~~~Time~~~~at 1:40~~~~Time~~~~at 1:40~~~~Time~~~~at 1:40~~~~Time~~~~at 1:40~~~~Time~~~~at 1:40~~~~Time~~~~at 1:40~~~~Time~~~~at 1:40~~~~Time~~~~at 1:40~~~~Time~~~~at 1:40~~~~Time~~~~at 1:40~~~~Time~~~~at 1:40~~

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

10	49	-	10	51	-	0
						100
						200
						300
						400
						500
						600
						700
						800
						900
						1000
						1100
						1200
						1300
						1400
						1500
						1600
						1700
						1800
						1900
						2000
						2100
						2200
						2300
						2400
						2500
						2600
						2700
						2800
						2900
						3000
						3100
						3200
						3300
						3400
						3500
						3600
						3700
						3800
						3900
						4000
						4100
						4200
						4300
						4400
						4500
						4600
						4700
						4800
						4900

Elevated Lot

Sent message
11 48 05

Then

R 468 L 47.0

Wind Sample
125 m

11 39 25 11 51 30

11 40 40 11 54 40

11 54 00 11 56 00

11 54 30 11 54 39

15
 Hydrog. } No. 1591 Date, Jan 28, 1914
 Sdg. Mch. TN Reel TN Shot/Lead 25 lbs.
 Turns 145 Cor'n Depth 79 fms.
 Sdg. Cup Arming Amt. Bot'm Sample
 Character of Bottom
 Thermom. { Make Cor'n { Instr.
 { No. { Stem.
 Bottom Reading Cor'd Temp.
 Temp. Surf. { 6-4° Time 1:25 P } Air { 56°
 { Time {
 Density: Surf. fms.
 Wind: Direction NE Force 4
 Baromet. 30.38 Amt. of Clouds 1 State of Sea
 Weather bc
 Direction and Force of Current { Surface
 { Bottom
 Tide
 General Locality Ocean Coast
 Position Heceta Light bears N 64° E (true) distant 29.3 miles
 Chart used: No. 6000 Ed'n
 Drift: Direction Distance
 Depth of Haul
 Apparatus and Rig used
 Time towing h. m.
 Remarks:

Deck Officer Mr. Matheson Recorder

SOUNDING WIRE.

FMS.

DREDGING CABLE.

P M. Down. | Up. | P M.

M. Down. | Up. | M.

1 | 20 | 00 | 1 | 25 | 00

0
 100
 200
 300
 400
 500
 600
 700
 800
 900
 1000
 1100
 1200
 1300
 1400
 1500
 1600
 1700
 1800
 1900
 2000
 2100
 2200
 2300
 2400
 2500
 2600
 2700
 2800
 2900
 3000
 3100
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 3900
 4000
 4100
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 4300
 4400
 4500
 4600
 4700
 4800
 4900

Dredge } No. 5592 Date, Aug 28, 1914
 Hydrog. }
 Sdg. Mch. T. L. Reel 225 Shot Lead 25 lbs.
 Turns 244 Cor'n Depth 133 fms.
 Sdg. Cup Amt. Bot'm Sample
 Character of Bottom bk. l.

Thermom. { Make Cor'n { Instr.
 { No. { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 1:40 } Air { 68°
 { Time {

Density: Surf. fms.

Wind: Direction NE Force 4

Baromet. 30.38 Amt. of Clouds 1 State of Sea 7

Weather bc

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality Off Oregon Coast

Position Hecla Light bears N 62 1/2° E (true) distant 30.2 miles

Chart used: No. 6000 Ed'n.

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
1 35 00	1 40 40		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
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			2400			
			2500			
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			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
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			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

17
Hydrog. No. 5523 Date, May 28, 1914
Sdg. Mch. 7.2 Reel Shot/Lead 25 lbs.
Turns 241 Cor'n Depth 133 fms.
Sdg. Cup Arming on lead Amt. Bot'm Sample
Character of Bottom blk. S.

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 13-40 Air { 56
Time

Density: Surf. fms.

Wind: Direction N x W Force 4

Baromet. 30.36 Amt. of Clouds 1 State of Sea M

Weather bc

Direction and Force of Current { Surface
Bottom

Tide

General Locality 6.15.1914

Position Heceta Light bears N 64° E (true) distant 30.5 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder 11-1023

SOUNDING WIRE.					FMS.	DREDGING CABLE.		
M. Down.	Up.	P. M.		M. Down.		Up.	M.	
1	48	15	1	53	50	0		
						100		
						200		
						300		
						400		
						500		
						600		
						700		
						800		
						900		
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						2900		
						3000		
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						3200		
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						4000		
						4100		
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						4300		
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						4800		
						4900		

18

Dredge } No. 5374 Date, June 1, 1904

Hydrog. }
Sdg. Mch. 7 Reel Shot/Lead 24 lbs.

Turns 1 Cor'n Depth 0 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom blk L; fine gr. 73

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading L 50° R 50° Cor'd Temp.

Temp. Surf. { 54.9 Time 2:15 } Air { 56.0 Time

Density: Surf. fms.

Wind: Direction N.E. Force 4

Baromet. 30.38 Amt. of Clouds 0 State of Sea M

Weather b

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Cape Cod

Position Heceta Light bears N 63° E (true) distant 30.0 miles

Chart used: No. 6000 Ed'n.

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Dredge not hauled until 2:15, and with a hauler at 2:20.

good day returned at 4:15 PM
bad day returned at 4:27 PM

Time Wet bulk Dry bulk
2:40 52.0 56.5

Deck Officer B. H. Rogers Recorder C. C. Rogers

SOUNDING WIRE.

FMS.

DREDGING CABLE.

P. M. Down. Up. P. M.

P. M. Down. Up. P. M.

2 17 00 2 18 20

0

Cableman & V. C.

100

Bottom level

200

to 170 fms. 2 38 00

300

400

2 27 00 2 41 35

500

2 27 40 2 39 20

600

700

Bottom level

800

900

1000

2 50 00 R 50 00

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Hydrog. No. 5575 Date, May 25, 1912

Sdg. Mch. 7 N Reel 7 N Shot Lead 25 lbs.

Turns 211 Cor'n Depth 115 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom Rocky, Sil. sand -

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 4:43 P } Air { 57 Time

Density: Surf. fms.

Wind: Direction N. N. W Force 6

Baromet. 30.34 Amt. of Clouds 0 State of Sea LC

Weather fc

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears N 63° E (true) distant 28.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer J. B. Black Recorder A. B. Black

SOUNDING WIRE.

P. M. DOWN. | UP. P. M.

— 13 — 41 45

FMS.

DREDGING CABLE.

M. DOWN. | UP. M.

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400
500
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3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

No. 211 Date, 1900
Sdg. Mch. 1 Reel 1 Shot Lead 5 lbs.
Turns 211 Cor'n Depth 115 fms.

Sdg. Cup Arming Amt. Bot'm Sample
Character of Bottom

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 5:00 P } Air { 57 Time

Density: Surf. fms.

Wind: Direction 77 77 75 Force 6

Baromet. 30.24 Amt. of Clouds 0 State of Sea LC

Weather 60

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Neceta Light bears N 63° E (true) distant 27.9 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer M. H. Click Recorder M. H. Click
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
5	—	—	0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
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			3900			
			4000			
			4100			
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			4300			
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			4800			
			4900			

21
Date, May 26, 1910
Hydrog. No. (59)
Sdg. Mch. TN
Reel TN
Shot Lead 25 lbs.
Turns 146
Cor'n
Depth 79 fms.
Sdg. Cup Arming
Amt. Bot'm Sample
Character of Bottom brk on M

Thermom. { Make
No. Cor'n { Instr.
Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 5:40 P } Air { 57
Time

Density: Surf. fms.

Wind: Direction NNN Force 5

Baromet. 30.34 Amt. of Clouds 0 State of Sea 2

Weather 3

Direction and Force of Current { Surface
Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears N 63° E (true) distant 24.9 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder A. A. ...
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
540	-	544	0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
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			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge No. 5578 Date July 25, 1901

Sdg. Mch. T. V. Reel 1 Shot 75 lbs.

Turns 155 Cor'n Depth 84 fms.

Sdg. Cup Crining Amt. Bot'm Sample

Character of Bottom green mud

Thermom. { Make No. Cor'n { Instr. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 6:18 P Air { 57

Density: Surf. fms.

Wind: Direction N.N.W. Force 5

Baromet. 30.24 Amt. of Clouds 0 State of Sea 4

Weather 62

Direction and Force of Current { Surface Bottom

Tide

General Locality Off Oregon Coast

Position Necata Light bears N 63° E (true) distant 21.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
6	18	30	0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
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			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
6 55	6 57 30		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
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			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

7-5
Dredge } No. 5600 Date, 7.10.75, 1911
Hydrog. }
Sdg. Mch. 7 H Reel 7 N Shot Lead 25 lbs.
Turns 175 Cor'n Depth 95 fms.

Sdg. Cup Arming Amt. Bot'm Sample
Character of Bottom soft green mud -

Thermom. { Make Cor'n { Instr.
 { No. { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 0.2 Time 7:32 P } Air { 5.2
 { { { Time {

Density: Surf. fms.

Wind: Direction 27 Force 6

Baromet. 30.36 Amt. of Clouds 1 State of Sea R

Weather 6 C. 2

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality off Oregon Coast

Position Neceta Light bears N 63° E (true) distant 15.6 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer J. J. H. Recorder M. C. H.
11-1023

SOUNDING WIRE.

P M. Down. | Up. *7* M.

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

7 32 - 7 36 -

0
100
200
300
400
500
600
700
800
900
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1100
1200
1300
1400
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3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

2.6
Dredge { No. 543 Date, May 75 1916
Hydrog. }
Sdg. Mch. T N Reel T N Shot Lead 20 lbs.
Turns 150 Cor'n Depth 82 fms.
Sdg. Cup Clipping Amt. Bot'm Sample
Character of Bottom clean lead

Thermom. { Make Cor'n { Instr. No. Stem.
Bottom Reading Cor'd Temp.
Temp. Surf. { 52 Time 8:05 P } Air { 53
Time

Density: Surf. fms.
Wind: Direction N Force 6
Baromet. 30.36 Amt. of Clouds 1 State of Sea P
Weather O-C-Z

Direction and Force of Current { Surface Bottom
Tide

General Locality Off Oregon Coast

Position Heceta Light bears N 63° E (true) distant 12.6 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance
Depth of Haul
Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer W. R. P. Recorder W. H. K.
11-1023

SOUNDING WIRE.

DREDGING CABLE.

FMS.

M. DOWN. | Up. | M.

M. DOWN. | Up. | M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. 5602 Date, May 29, 1914
Hydrog.

Sdg. Mch. T.H. Reel 555 Shot Lead 25 lbs.

Turns 85 Cor'n Depth 46 fms.

Sdg. Cup Arising Amt. Bot'm Sample

Character of Bottom gy S

Thermom. { Make 01 Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 50 Time 4:22 Air { 53
Time

Density: Surf. fms.

Wind: Direction NNW Force 5

Baromet. 30.75 Amt. of Clouds 0 State of Sea 2

Weather B.

Direction and Force of Current { Surface Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears S74 1/2° E (true) distant 7.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Matney Recorder

11-1023

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

4 23 4 25

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
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1900
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2800
2900
3000
3100
3200
3300
3400
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3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

2
Dredge } No. 503 Date, May 29, 1914
Hydrog. }

Sdg. Mch. TH Reel TH Shot } 25 lbs.
Lead }

Turns 102 Cor'n Depth 55 fms.

Sdg. Cup Amm Amt. Bot'm Sample

Character of Bottom fine S

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 50 Time 4 Air { 53
Time

Density: Surf. fms.

Wind: Direction NNE Force 5

Baromet. 30.28 Amt. of Clouds 0 State of Sea R

Weather bz

Direction and Force of Current { Surface
Bottom

Tide

General Locality Ocean Coast

Position Heceta Light bears S85°E (true) distant 10.4 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Mahoney Recorder 11-1023

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. DOWN. UP. *502* M.

M. DOWN. UP. M.

457 - 502 -

0
100
200
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500
600
700
800
900
1000
1100
1200
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1400
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3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

3.

Dredge } No. 500 Date, May 30, 1914
 Hydrog. }
 Sdg. Mch. 7A Reel 7A Shot 35 lbs.
 Leads 63 fms.
 Turns 116 Cor'n _____ Depth _____
 Sdg. Cup Arming Amt. Bot'm Sample _____
 Character of Bottom clean sand

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 50 Time 5:36 a } Air { 50.5
 { _____ { _____ } { _____
 Time _____

Density: Surf. _____ fms. _____

Wind: Direction N. by E Force 5

Baromet. 30.28 Amt. of Clouds 0 State of Sea 1

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Oregon Coast

Position Heceta Light bears E (true) distant
13.0 miles
 Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Mr. Mahoney Recorder Atkins

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. DOWN. | UP. | M.

M. DOWN. | UP. | M.

5 36 - 5 38 -

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4100
4200
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4
Hydrog. No. 5605 Date, May 29, 1914
Sdg. Mch. 777 Reel 777 Shot Lead 25 lbs.
Turns 130 Cor'n Depth 70 fms.
Sdg. Cup Alving Amt. Bot'm Sample
Character of Bottom sft gn M

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time 6:14 a } Air {
Time

Density: Surf. fms.

Wind: Direction 15 SE Force

Baromet. 30.28 Amt. of Clouds 0 State of Sea

Weather b

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears N 86 1/2° E (true) distant 15.7 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. [unclear] Recorder [unclear]

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
M. Down.	Up.	M.			M. Down.	Up.	M.
6	14	-6	16	-			
				0			
				100			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
				900			
				1000			
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				2700			
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				4300			
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				4800			
				4900			

Bridge } No. 5606 Date, Jan 21, 1908
Hydrog. }

Sdg. Mch. 7H Reel Shot } 15 lbs.
Lead }

Turns 138 Cor'n Depth 75 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom Sft. gy. M.

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 50 Time 6:51 Air { 55
Time

Density: Surf. fms.

Wind: Direction NWN Force 6

Baromet. 30.28 Amt. of Clouds 0 State of Sea 1

Weather fog

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears N 84° E (true) distant 18.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. H. H. H. Recorder

SOUNDING WIRE.

M. Down.	Up.	M.
657	-	650

FMS.

DREDGING CABLE.

M. Down.	Up.	M.
----------	-----	----

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

6.

Trawl } No. 5607 Date, Jan. 29, 1914
 Hydrog. }
 Sdg. Mch. 7N Reel 7N Shot 35 lbs.
 Lead 68
 Turns 125 Cor'n Depth 68 fms.
 Sdg. Cup 5-min Amt. Bot'm Sample
 Character of Bottom fine G.
 Thermom. { Make Cor'n { Instr.
 { No. { Stem.
 Bottom Reading Cor'd Temp.
 Temp. Surf. { 52 Time 7:28 Air 55
 { Time
 Density: Surf. fms.
 Wind: Direction NWN Force 6
 Baromet. 30.28 Amt. of Clouds 0 State of Sea ↑
 Weather fog.
 Direction and Force of Current { Surface
 { Bottom
 Tide

General Locality

Off Oregon Coast

Position Heceta Light bears N 82 1/2° E (true) distant 21.4 miles
 Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer

Mr. Manning

Recorder

A. A. C.

SOUNDING WIRE.

f M. Down. | Up. | *f* M.
 7 30 - 7 30 30

FMS.

0
 100
 200
 300
 400
 500
 600
 700
 800
 900
 1000
 1100
 1200
 1300
 1400
 1500
 1600
 1700
 1800
 1900
 2000
 2100
 2200
 2300
 2400
 2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000
 4100
 4200
 4300
 4400
 4500
 4600
 4700
 4800
 4900

DREDGING CABLE.

M. Down. | Up. | M.

7.
Dredge } No. 5608 Date, May 29, 1914
Hydrog. }
Sdg. Mch. T. Reel T. Shot Lead 25 lbs.
Turns 116 Cor'n Depth 62 fms.
Sdg. Cup Arming Amt. Bot'm Sample
Character of Bottom bts

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time 7:43 Air {
Time

Density: Surf. fms.

Wind: Direction NWN Force 6

Baromet. 30.28 Amt. of Clouds 0 State of Sea 1

Weather b.

Direction and Force of Current { Surface
Bottom

Tide

General Locality Off Oregon Coast

Position Heceta Light bears N 8 1/2° E (true) distant 22.5 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder.

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

M. Down. | Up. | M.

7:43 - 7:45 -

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

8.
Bridge } No. 5609 Date, Jan 29, 1914
Hydrog. }
Sdg. Mch. 21 Reel Shot Lead lbs.
Turns 21 Cor'n Depth fms.

Sdg. Cup 9-min Amt. Bot'm Sample
Character of Bottom Hard green

Thermom. { Make Cor'n { Instr. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 5:12 Air { 56
Time

Density: Surf. fms.

Wind: Direction N.N.W Force 6

Baromet. Amt. of Clouds State of Sea

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Oregon Coast

Position Heceta Light bears N 81° E (true) distant 23.9 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Malt Recorder 11.1.14
11-1023

SOUNDING WIRE.

M. DOWN. UP. M.

FMS.

DREDGING CABLE.

M. DOWN. UP. M.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

Dredge } No. 565 Date, 1901
Hydrog. }
Sdg. Mch. 7 Reel 7 N Shot Lead 5 lbs.
Turns 1 Cor'n Depth 75 fms.
Sdg. Cup Cor'n Amt. Bot'm Sample
Character of Bottom red green mud

Thermom. { Make ----- Cor'n { Instr. -----
 { No. ----- { Stem. -----

Bottom Reading ----- Cor'd Temp. -----

Temp. Surf. { 52 Time 1:34 Air { 56
 { ----- Time ----- { -----

Density: Surf. ----- fms. -----

Wind: Direction 1 Force 6

Baromet. 30.2 Amt. of Clouds 6 State of Sea 1

Weather 2

Direction and Force of Current { Surface -----
 { Bottom -----

Tide -----

General Locality Off Cape Cod

Position Heceta Light bears N 80 1/2° E (true) distant 24.8 miles
Chart used: No. 6000 Ed'n -----

Drift: Direction ----- Distance -----

Depth of Haul -----

Apparatus and Rig used -----

Time towing: h. m.

Remarks:

Deck Officer R Recorder H. H.

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
A M. Down.		Up.	A M.		M. Down.		Up.	M.
8	13		8 16	0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
				2300				
				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

10
Dredge } No. 5611 Date, May 29, 1914
Hydrog. }
Sdg. Mch. T N Reel T N Shot Lead 25 lbs.
Turns 125 Cor'n Depth 67 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom blk s.

Thermom. { Make Cor'n { Instr.
 { No. { Stem.
Bottom Reading Cor'd Temp.
Temp. Surf. { 52 Time 8:50 } Air { 56
 { { Time { {

Density: Surf. fms.
Wind: Direction N.W. Force 6
Baromet. 30.28 Amt. of Clouds 1 State of Sea R
Weather bc

Direction and Force of Current { Surface
 { Bottom
Tide

General Locality Off Oregon coast

Position Heceta Light bears N 80° E (true) distant 27.6 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Phipps Recorder C. C. Loring
11-1023

SOUNDING WIRE.

A M. Down.			Up. A M.		
8	5	0	8	5	3

FMS.

DREDGING CABLE.

M. Down.			Up. M.		

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

No. 8 Psychrometer
 checked E.C.S.
 June 17-1914

56 fms. -

10

~~Heaps - The QM coming on water will oil
p. 1. with specimen oil. No more heavy oil
will be used on the log under any
circumstances.~~ By direction of C.O.